

Silane, dimethyl(4-(2-phenylprop-2-yl)phenoxy)propoxy-

Inchi: InChI=1S/C20H28O2Si/c1-6-16-21-23(4,5)22-19-14-12-18(13-15-19)20(2,3)17-10-8-7-9-
InchiKey: RICNHEHULRHCLR-UHFFFAOYSA-N
Formula: C20H28O2Si
SMILES: CCCO[Si](C)(C)Oc1ccc(C(C)(C)c2ccccc2)cc1
Mol. weight [g/mol]: 328.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.60		Crippen Method
logp	5.520		Crippen Method
rinpol	2120.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347187&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/61-280-3/Silane-dimethyl-4-2-phenylprop-2-yl-phenoxy-propoxy.pdf>

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